

IN THE CLAIMS:

Please amend Claims 1-5 as follows:

1. (Currently Amended) A method of recycling a process cartridge containing a toner, comprising the steps of: ~~wherein in a~~

crushing ~~process of~~ a process cartridge containing a recovered toner to disassemble
the toner, ~~a container shape of said process cartridge is subjected to disassembly treatment to~~
~~an extent of main component parts thereof and recovering the parts, said toner is recovered by~~
suction; ~~in a step of disassembly treatment,~~

separating metal materials, including at least one of such as ferrous materials and
aluminum material materials, in component materials from other materials of the main
component parts of said the process cartridge disassembled in said crushing and
disassembling step; and ~~are subjected to separation treatment after said step of disassembly~~
~~treatment, and each of the materials is subjected to~~

melting the separated metal materials ~~treatment thereby to thereby~~ change the
separated metal materials to forms capable of reuse as ferrous materials and/or ~~and~~ aluminum
materials.
2. (Currently Amended) The method of recycling a process cartridge containing a toner according to claim 1,

wherein said crushing step is performed in a disassembly treatment chamber,

wherein said crushing step further comprises the step of:

transferring the disassembled major component parts of the process cartridge from the disassembly treatment chamber wherein after said step of disassembly treatment of the process cartridge, disassembled members of the process cartridge subjected to the disassembly treatment are transferred to a toner separation chamber adjacent to a the disassembly treatment chamber; and chamber, by

causing an impact force to act on said the disassembled major component parts members of the process cartridge in said the toner separation chamber to separate chamber, said the toner is separated from the said disassembled major component parts of the process cartridge members and, at the same time, recovering recovery of the separated toner by suction is performed,

wherein said metal materials separating step comprises the step of are thereafter extracted extracting the metal materials from said disassembled major component parts of the process cartridge members by use of magnetic separation means and eddy current separation means, and

wherein said melting step comprises the step of melting the extracted metal materials are melted and taken out.

3. (Currently) The method of recycling a process cartridge including a toner according to claim 2, wherein said extracting step extracts metal materials of a the purity of said metal materials in said step of separation treatment is not less than 90%.

4. (Currently Amended) A method of recycling metal materials constituting a process cartridge containing a toner, comprising the steps of: wherein

crushing the process cartridge to disassemble photosensitive drum parts, charging roller parts, cleaning blade parts and development sleeve parts of the which constitute said process cartridge and to separate the photosensitive drum parts, the charging roller parts, the cleaning blade parts and the development sleeve parts from container parts of the process cartridge made of a resin material ~~containing each of the materials as well, are disassembled to~~ a state separated from said container parts while recovering performing the recovery of the toner by suction; ~~in a crushing process,~~

extracting metal materials ~~are thereafter extracted from said~~ the crushed and separated parts of the process cartridge by separating dissimilar materials by use of magnetic separation means, eddy current separation means and gravity separation means; and means; and

recycling the extracted materials ~~are recycled.~~

5. (Currently Amended) A method of recycling metal materials of constituting a process cartridge containing a toner, said method comprising the steps of: wherein in a

crushing process ~~said~~ the process cartridge is crushed to such an extent that a the structural form of ~~said~~ the process cartridge is changed and so that a process cartridge container portion made of a resin material, and a charging roller, a cleaning blade, a

development sleeve and a photosensitive drum of the process cartridge are disassembled, and
recovering the toner is recovered by suction; suction, and in a step of

separating a each component material of the container portion ~~made of a resin~~
material, a the charging roller, a the cleaning blade, a the development sleeve and a the
photosensitive drum ~~which constitute said of~~ process cartridge; and ~~for each component~~
material, ~~separation treatment is performed for each component material and~~

reusing metal materials separated from in said separating step ~~of separation are~~
reused.